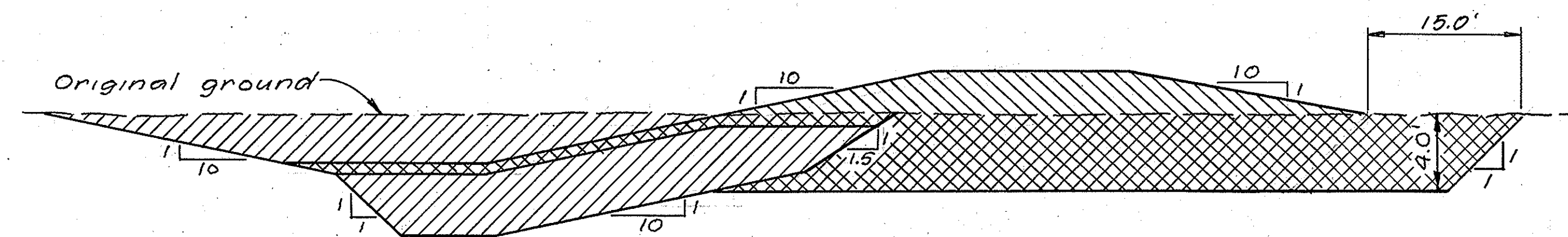
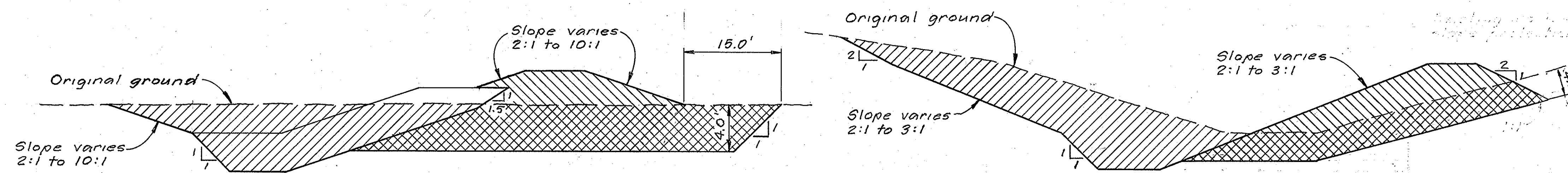


BORING LOG

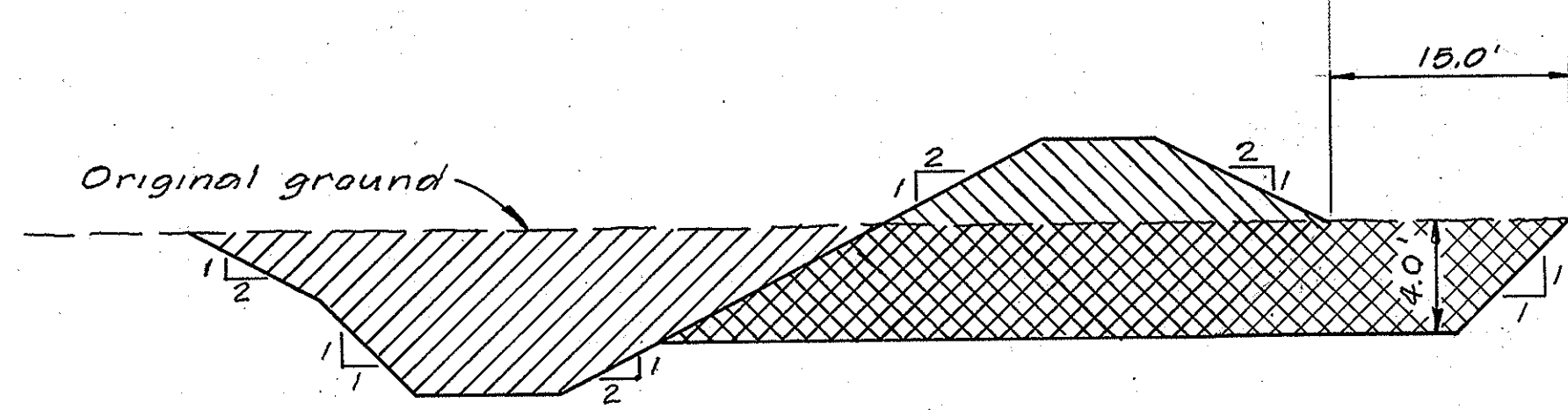
BORING NO. 11, 8" HSA		DATE 2/23/82			
W.O. 101031		SURFACE EL. 350			
Depth ft.	SAMPLE	SOILS/H. GROUP SYG.	DESCRIPTION and REMARKS	Unit Dry Wt. (lbs./cu. ft.)	% Moisture
0		ML	ALLUVIUM(Qal): Silty clay, dark brown, moist, firm		
		CL	Sandy clay, brown, moist, porous, sand content increasing with depth, firm to stiff		
5	R 23			94.9	10.9
10	R 17			96.2	10.9
		ML	Silty clay, dark brown, moist, stiff		
15	R 34			109.9	13.3
20	R 33	SC/CL	Clayey sand/sandy clay, tan, moist, medium dense	115.4	14.4
25	R 31	SM	Silty fine sand, tan to light brown, moist, medium dense	104.8	12.4
			@ 28.0 ft. becomes coarser sand		
30	R 36/38		@ 30.0 ft. cobbles, difficult drilling	102.1	11.0
			TOTAL DEPTH 32.0 ft. Rock prevented advancement No Water		



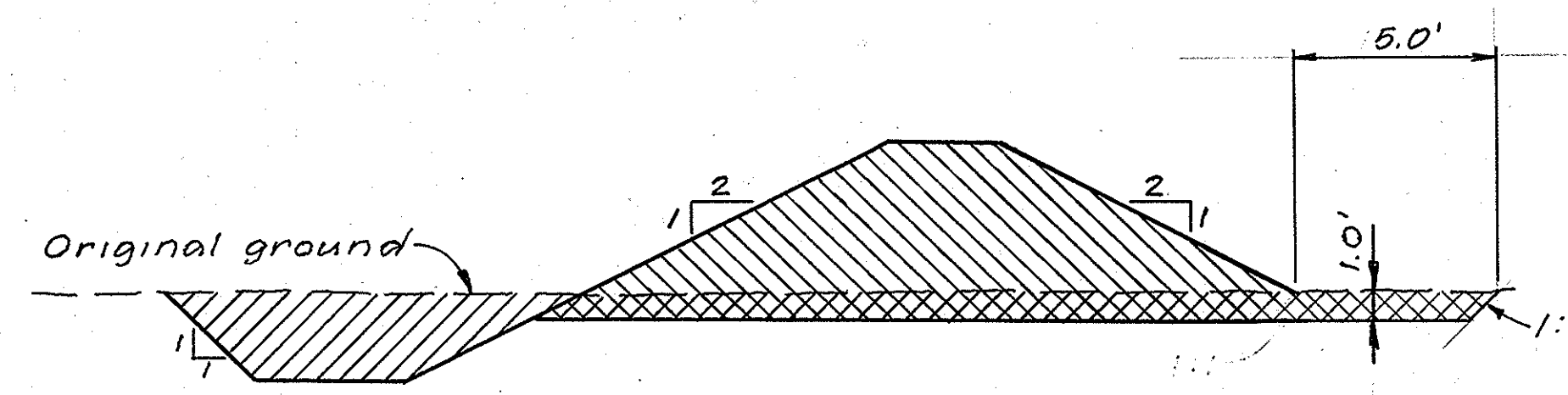
STA. 7+55 TO 7+75
LOW WATER CROSSING



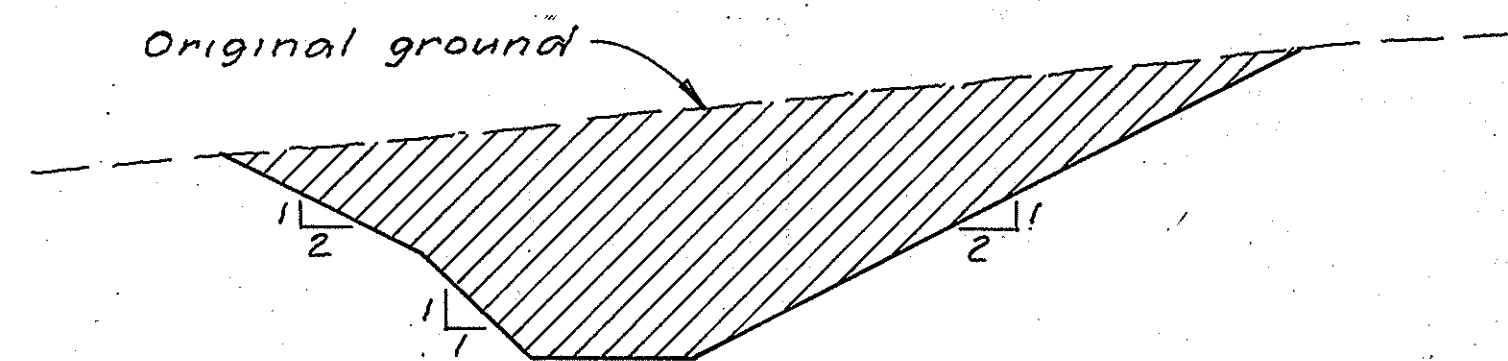
STA. 6+55 TO 7+55
STA. 7+75 TO 8+75



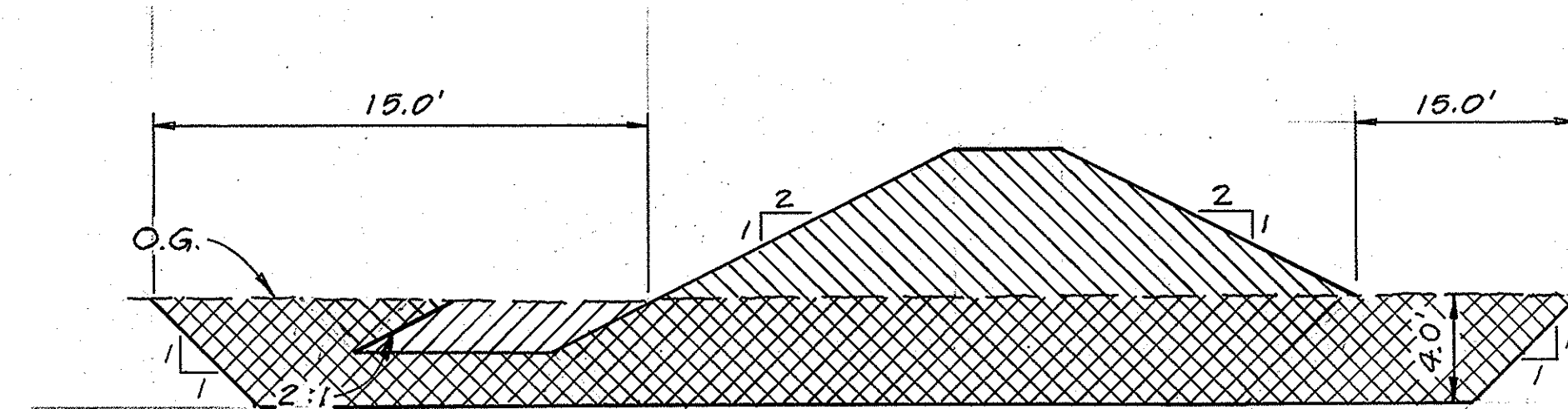
STA. 6+04 TO 6+55
STA. 8+75 TO 9+06



STA. 11+13 TO 11+61



STA. 5+00 TO 6+04
STA. 11+61 TO 13+23



STA. 9+06 TO 11+13

PAYLINE LEGEND

- Unclassified excavation
- Unclassified fill
- Excavation to be completed



PAYLINES - DRAINAGE CHANNEL Not to scale

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		EOIP 53-701-1	
WEIR CANYON ROAD		WEST DRAIN	
SOIL BORING AND		PAYLINES	
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF
REVISIONS		DATE	
DESIGNED	M.H.M.	SCALE	DATE
DRAWN	W.H.W.	CHECKED	J.W.R.
AS SHOWN		AUG. 82	EOIP 53-701-1
SHEET			7
W-3			OF 4